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Sci - Biology, microbiology

ATS-RJ-2274 CIA/DD U-8502
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sii Endokrinykh Zhelez). [1961] 45p. 127 refs.
[NH] no. 86.
Order from OTS or SLA \$4.60

62-15130

Trans. of Uspëkhi Sovremennoi Biologii (USSR) 1955,
v. 39, no. 3, p. 276-298.

DESCRIPTORS: *Endocrine glands, Nervous system,
Physiology, Secretion.

(Biological Sciences--Physiology, TT, v. 7, no. 12)

62-15130

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III. Pergamon Inst. (Gt. Brit.)

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Order from OTS or SLA \$2.60

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Trans. of Uspekhi Sovremennoi Biologii (USSR) 1955,
v. 39, no. 3, p. 299-307.

DESCRIPTORS: *Tissue (Biology), *Bone, *Skeleton.

Analysis of the research indicates that osteogenesis
can be induced in connective, skeletal, and epithelial
tissues. The agents and factors which were found in
previous research to be favorable to ectopic osteogene-
sis in each tissue group are discussed and evaluated.

(Biological Sciences--Anatomy, TT, v. 7, no. 11)

62-15152

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[54p. (ref. omitted). RSTP no. 12, 58-60.
Order from OTS or SLA \$5.60 62-15615

Trans. of Uspehi Sovremennoi Biologii (USSR) 1955,
v. 39, p. 328-349.

DESCRIPTORS: *Cells(Biology), Morphology, Mitosis,
Reproduction.

(Biological Sciences--General, TT, v. 7, no. 12)

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[1961] [57]p. (4 figs. omitted) 57 refs. [NIH]-1334.
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DESCRIPTORS: *Conditioned reflex, *Reaction time.

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- II. Kochigina, A. M.
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Trans. of Napaki Sovremennoi Biologii (USSR) 1956,
v. 41, p. 8-25.

DESCRIPTORS: Theory, *Nucleic acids, Biology,
Proteins, Molecules, Genetics, Chromosomes,
Mitosis, *Cells (Biology), Embryos, Histology,
Biochemical genetics.

(Biological Sciences--Biochemistry, TT, v. 7, no. 1)

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I. Makarov, P. V.

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CIA X-6491

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Jul-Aug 1957, pp 3-18.

NIH 46

Sci - Med

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Sci - Med, Biochemistry
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Order from OTS or SLA \$1.60

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1958, v. 45, [no. 1] p. 114-129.

DESCRIPTORS: *Plants (Botany), *Seeds, *Fats,
Metabolism, Theory, *Fatty acids, Biosynthesis,
Minerals, Vitamins, Bibliographies.

A survey of the literature.

(Biological Sciences--Botany, TT, v. 10, no. 2)

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OBS 60-21161

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1958, v. 45, [no. 3] p. 261-271.

DESCRIPTORS: *Cells (Biology), *Dielectric properties,
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The Present Status of the Problem of the
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38 p.

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SLA 59-17375

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Trans. of Usp[ekhi] Sov[etskoi] Biol[ogii] (USSR)
1958, v. 46 [no. 1(4)] p. 3-18.

DESCRIPTORS: *Cells (Biology), *Nuclei (Biology),
*Tissues (Biology), *Molecular structure, Microstructure

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Trans. of Uspekhi Sovremennoi Biologii (USSR) 1958, v. 46, no. 1(4), p. 33-47.

DESCRIPTORS: *Plants, Biophysics, *Dosimeters, Metabolism, Nervous system, Growth, Electric properties, *Electric potential, Tissues (Biology), Cells (Biology), *Oxidation-reduction reactions, *Hydrogen ion concentration, *Electroosmosis, Electrophoresis.

A literature survey shows that bioelectrical potentials of plants are closely connected with the life-processes occurring in them; they are prone to changes both in their absolute magnitude, with respect to sign, and (Agriculture--Plant Cultivation, TT, v. 7, no. 4)over}

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II. PL-480 Agr (60-51031)
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Office of Technical Services

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I. Khesin, R. B.

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THE ROLE OF DESOXYRIBONUCLEIC ACIDS IN
PROCESSES OF TRANSFORMATION IN BACTERIA.
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Trans. of *Uspekhi Sovremennoi Biologii* (USSR) 1958,
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DESCRIPTORS: *Bacteria, Mutations, Genetics,
*Nucleic acids.

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The Distribution and Role of Plant Growth
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Sci - Medicine
Feb 59

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26 pp.

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NIH 8-10-60

Sci - Biol

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Translation of 1959, Vol. 48, No. 1 up
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Translation ceased publication in
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Order for back numbers:

National Lending Library
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Boston Spa, Yorks. LS23 7BQ

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Kolesnikov, P. A.
THE RELATIONSHIP BETWEEN RESPIRATION AND
PHOTOSYNTHESIS. [1960] 13p. 54 refs.
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2. Photosynthesis--Analysis
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- II. Translations, New York

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Latest Experimental Data on the Etiology of Leukoses,
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JPRS 4387

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Role in the Functional Activity of the Nervous
System, by G. E. Vladimirov, I. A. Sytinskiy,
26 pp.

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No 1, 1961, ~~XXXXXXXXXX~~ pp 3-20).

JPRS 9653

OTS 63-6456

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JPRS 9751

Sci - Med - Electron
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(SF-1902)

Biochemical Functions of Cell Structures, by N. M. Sisakyan, 30 pp.

RUSSIAN, per, Uspekh Sovrem Biol, Vol 11, No 2, Mar/Apr 1961, pp 129-152.

JPRS 4878

Sci - Med

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(SF-1099)

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25 pp.

RUSSIAN, per, Uspekhi Sotrem Biol, Vol 11, 1961,
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JPRS 4901

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Effect of Insulin on the Brain, by S. G. Jones.
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Aging of an Organism at the Molecular Level.
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JPRS 10707

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Nov 61

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Physiology of the Appetite, by A. M. Ugolev,
V. G. Kassil', 23 pp.

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NIH 9-23-63

Sci - Biol & Med
Nov 63

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JPRS 11221

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(SF-2005)

Antibody Anti-Enzymes, by I. V. Domaradskiy,
18 pp.

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JPRS 11221

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Dec 61

(SF-2005)

Radiation Disturbances of Immunity in the
Light of Modern Methods of Immunity, by
V. L. Troitskiy, 14 pp.

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JPRS 12550

Sci - Biol

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The Use of Chemical Compounds as Agents Acting
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Sol - Biol, Chem
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Philosophical Problems of the Teaching of
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JPBS 12751

Sol - IIIA
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M Concerning Antienzymes-Antibodies, by I. V.
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Sci - Biol
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Biological Mechanisms of Oxalacetic Acid
Decarboxylation, by N. K. Nagradova,
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NASA TT F-10143

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JPRS 16425

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N. G. LOPATINA, 26 PP.

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JPRS 16469

SCI - BIOL

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